

FIG. 1

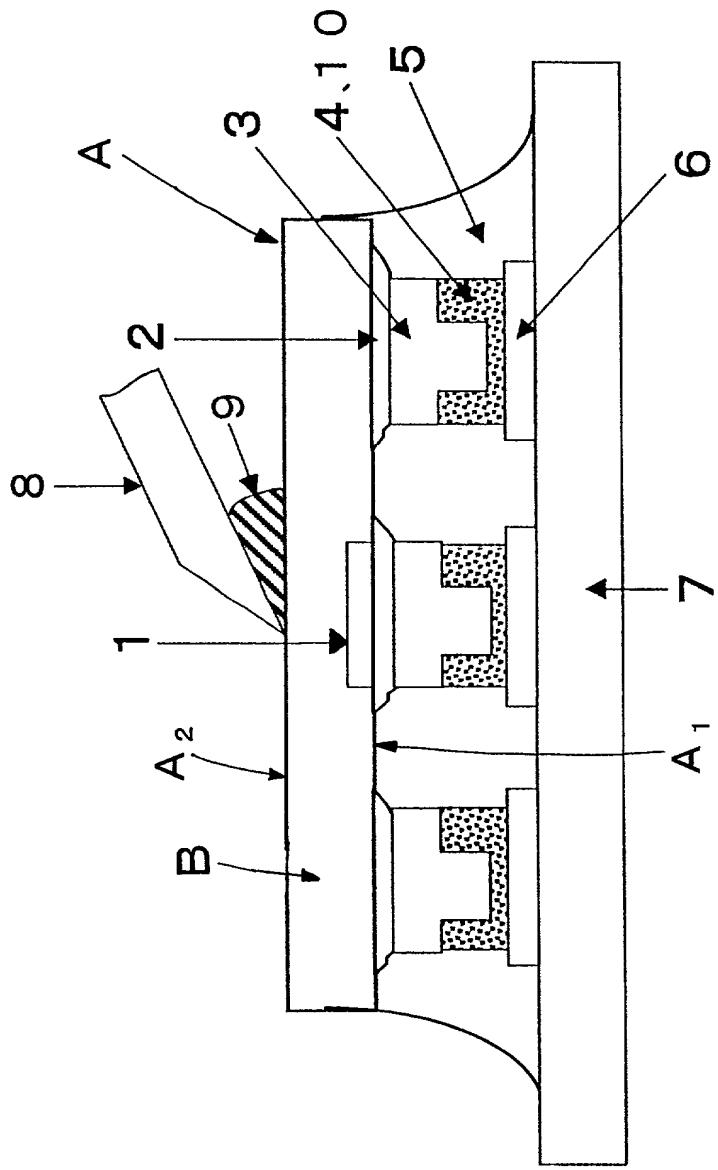


FIG. 2A

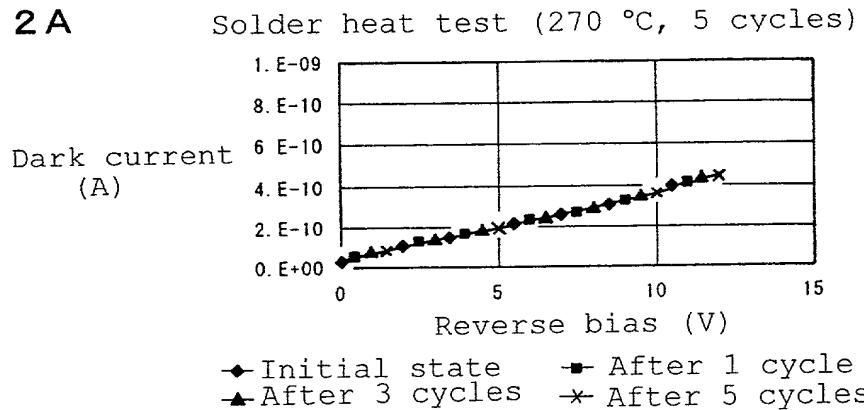


FIG. 2B

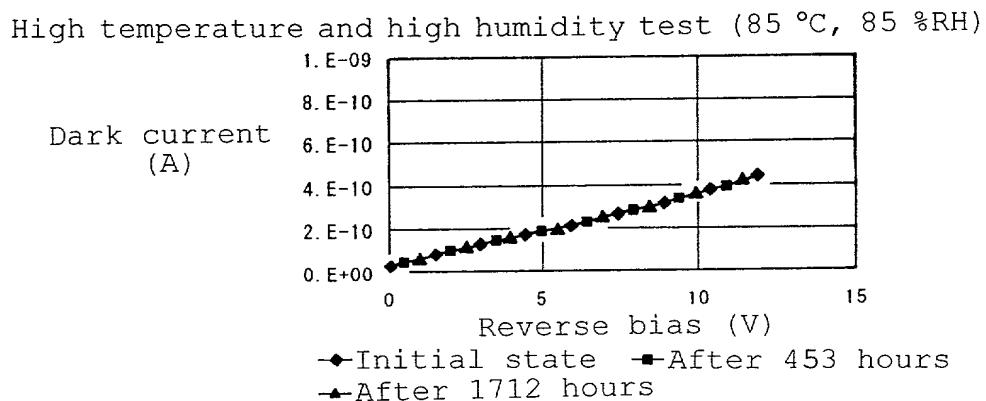


FIG. 2C-1 Temperature cycle test (-40 to 125 °C)

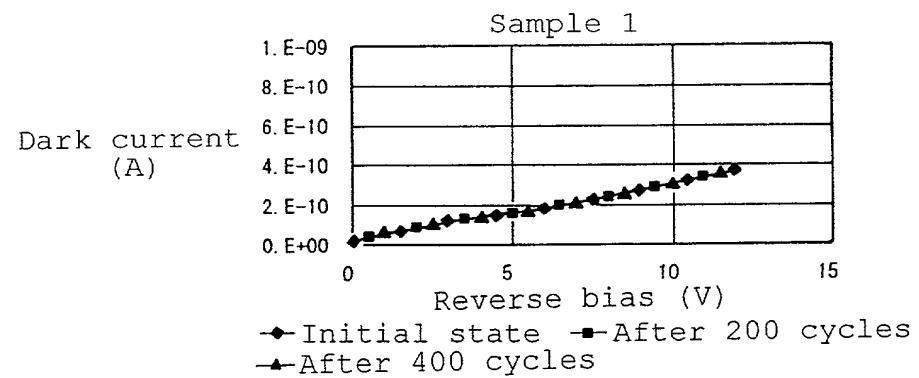
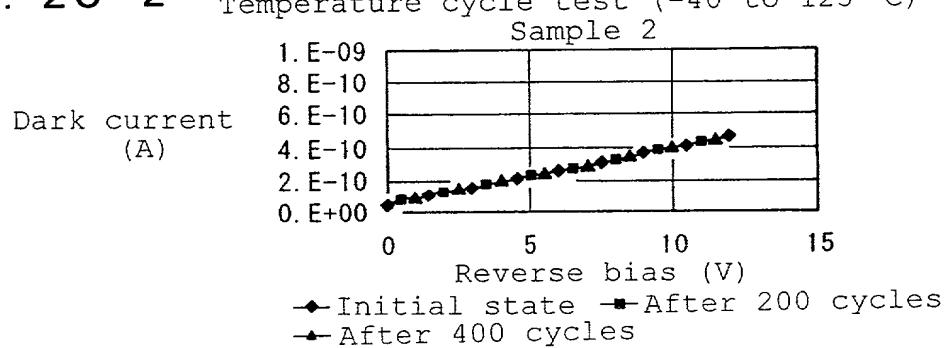


FIG. 2C-2 Temperature cycle test (-40 to 125 °C)



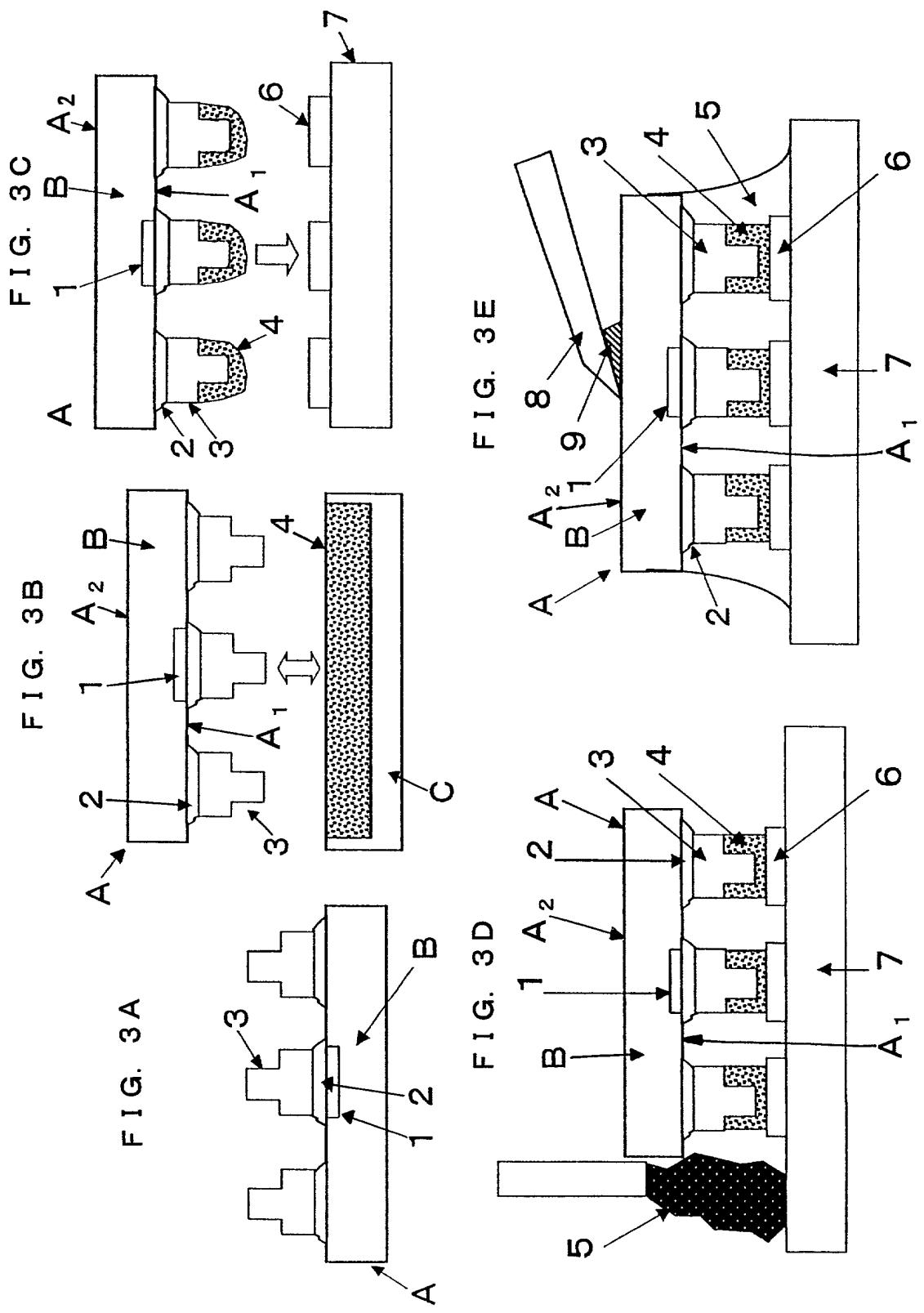


FIG. 4

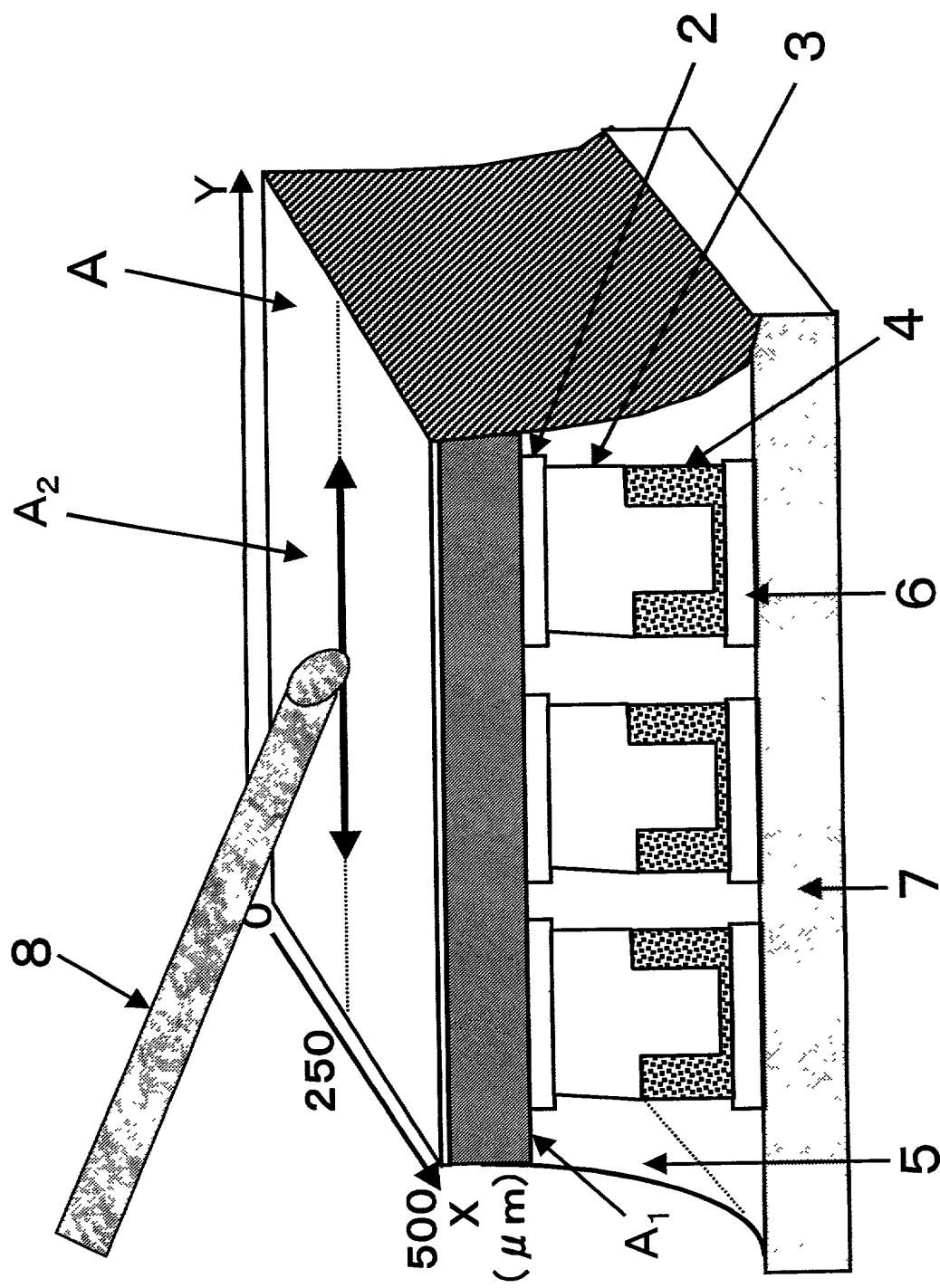


FIG. 5

Application voltage = 10V (light - 10dB)

Distribution of photo-electric current

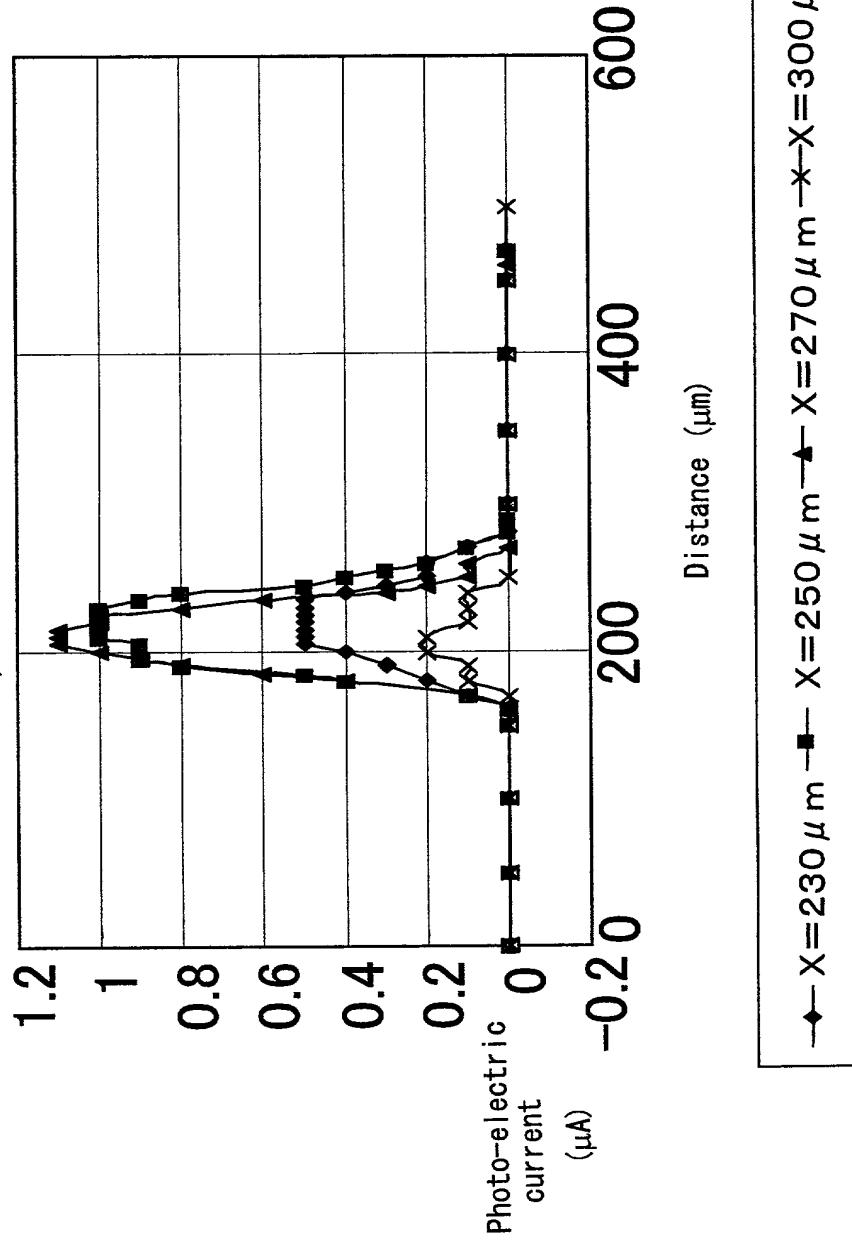


FIG. 6

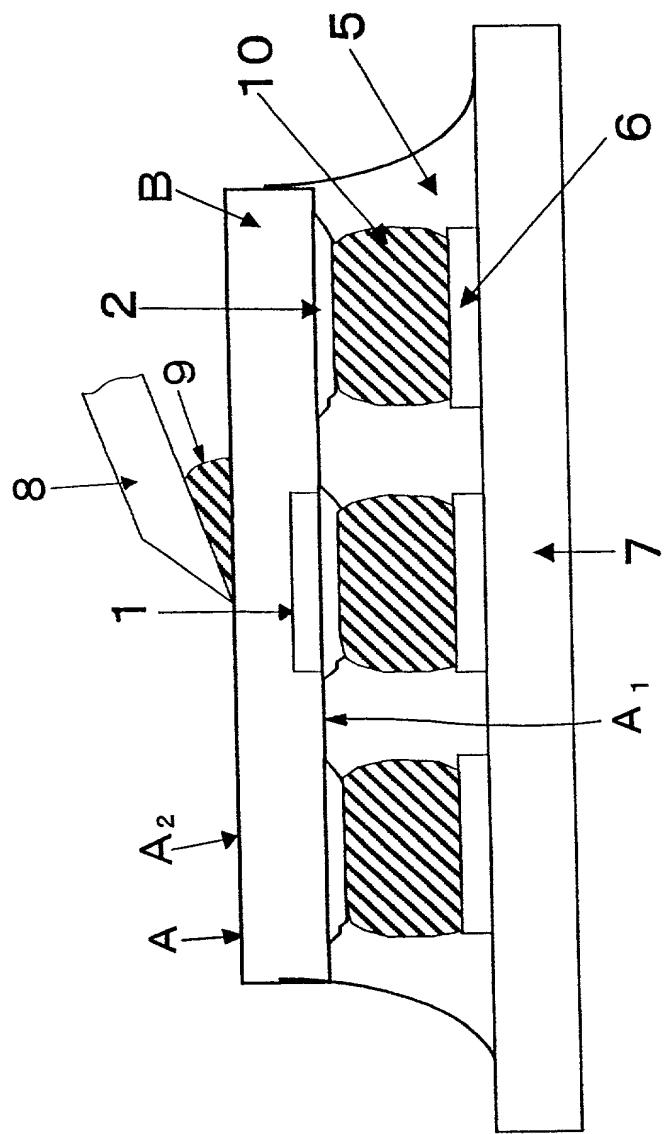


FIG. 7A

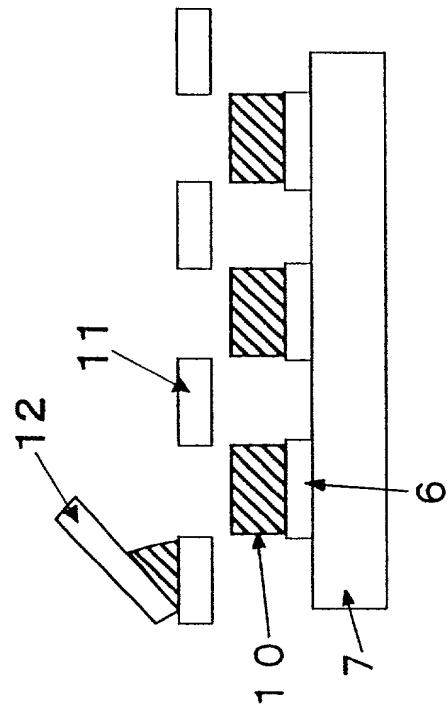


FIG. 7B

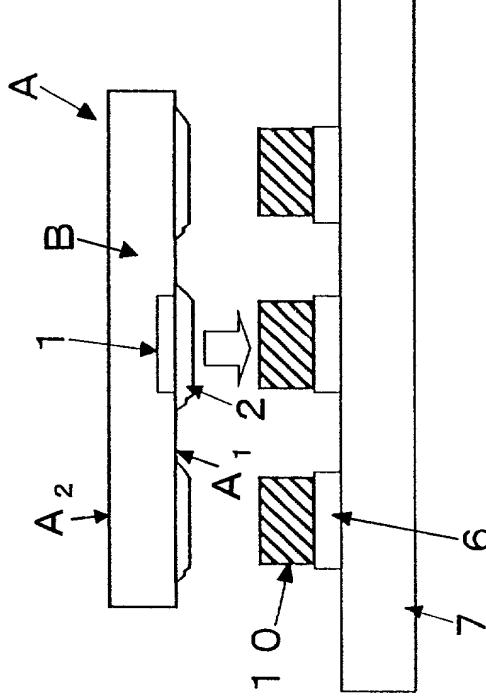


FIG. 7C

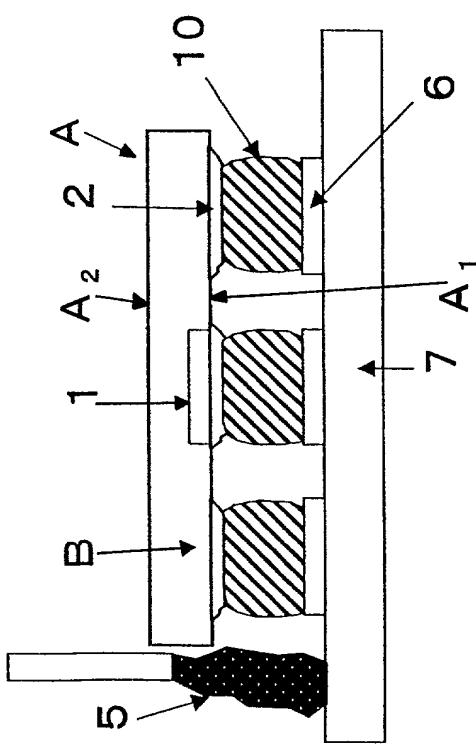


FIG. 7D

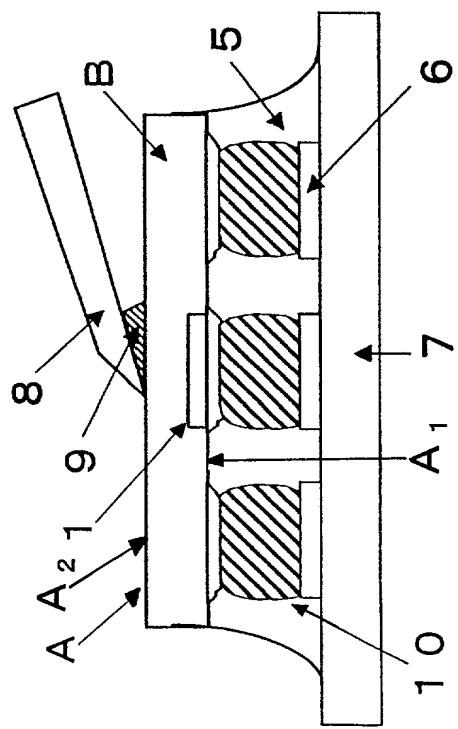


FIG. 8 A

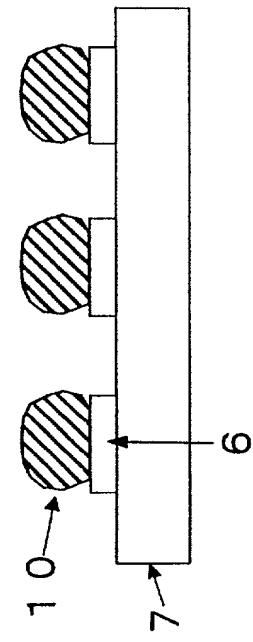


FIG. 8 B

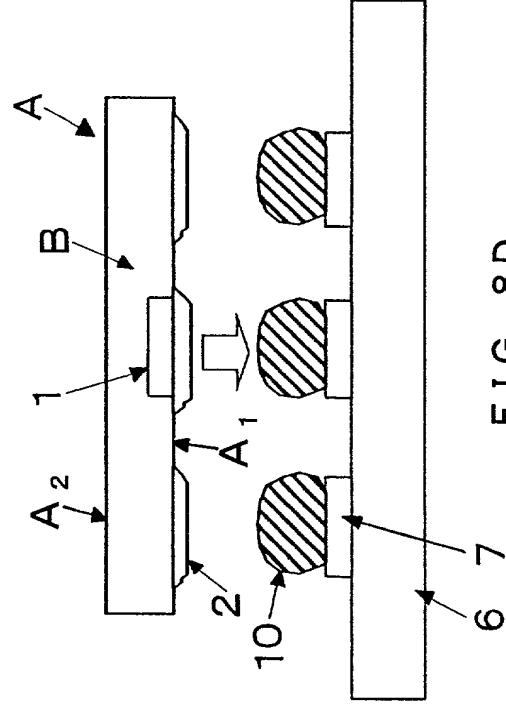


FIG. 8 C

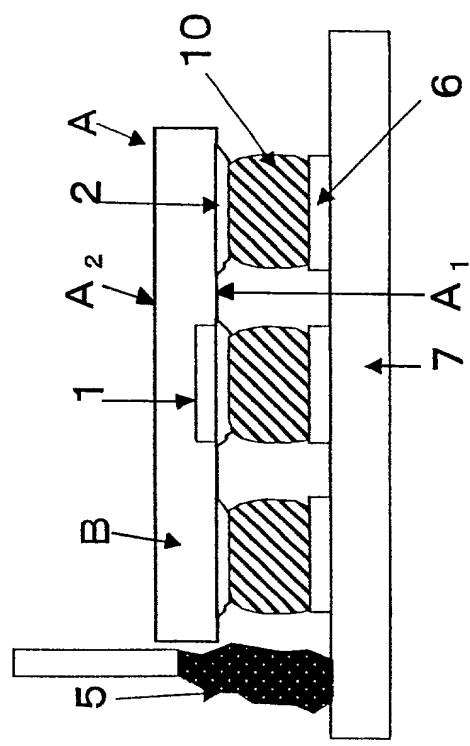


FIG. 8 D

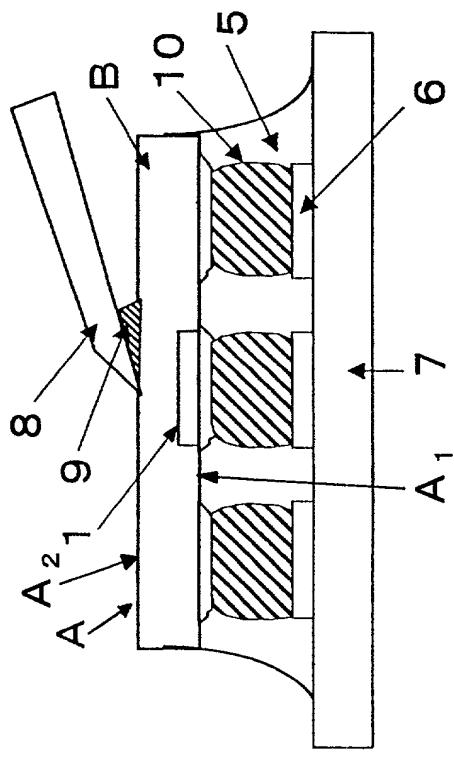


FIG. 9

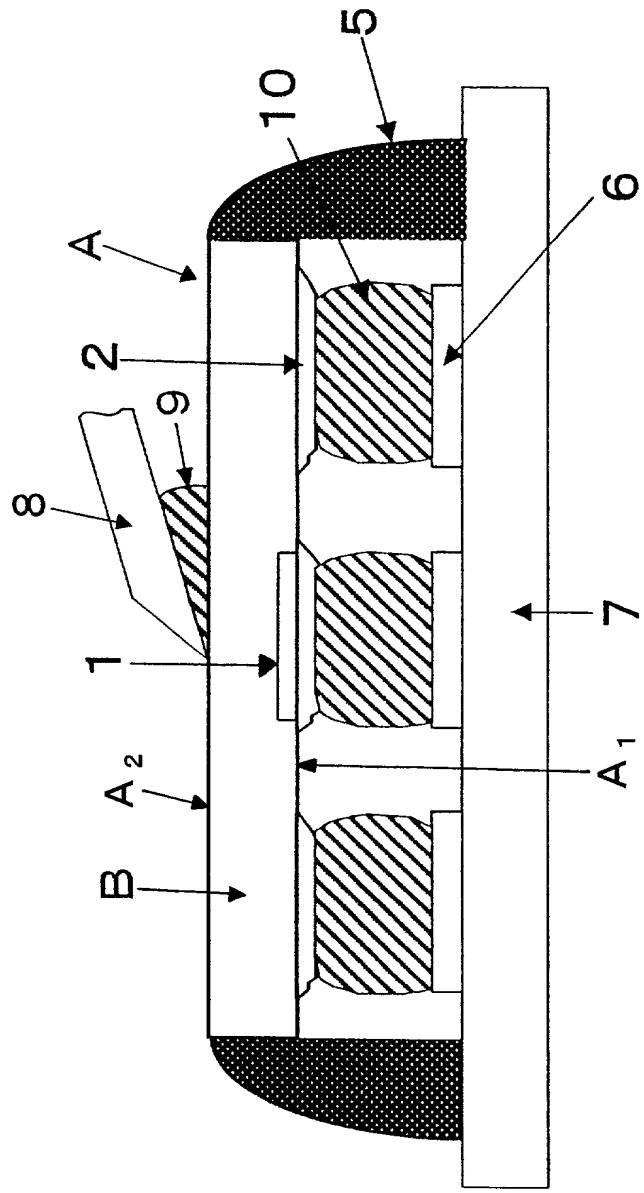


FIG. 10A

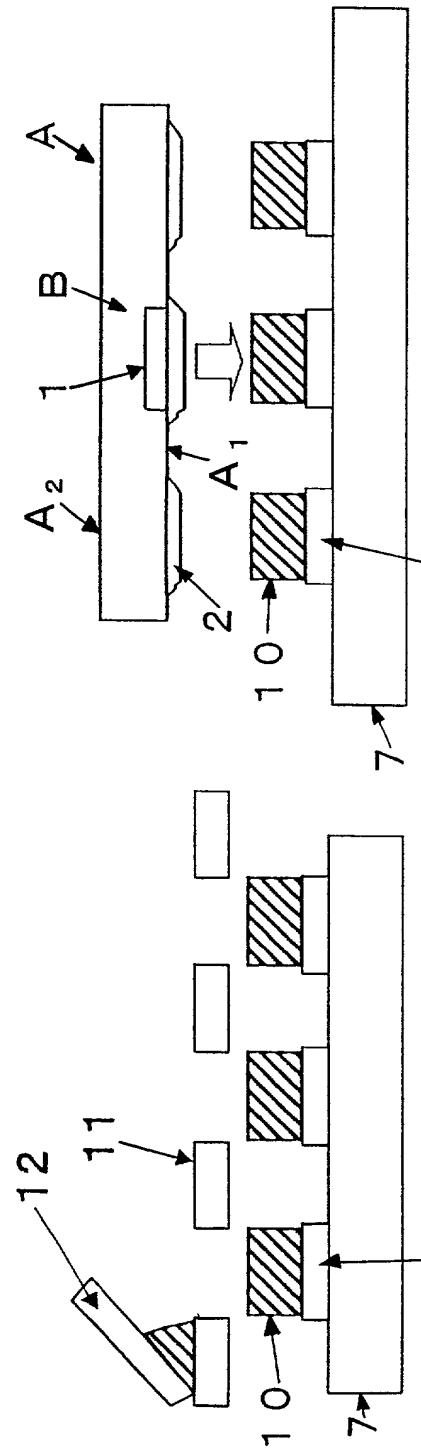


FIG. 10B

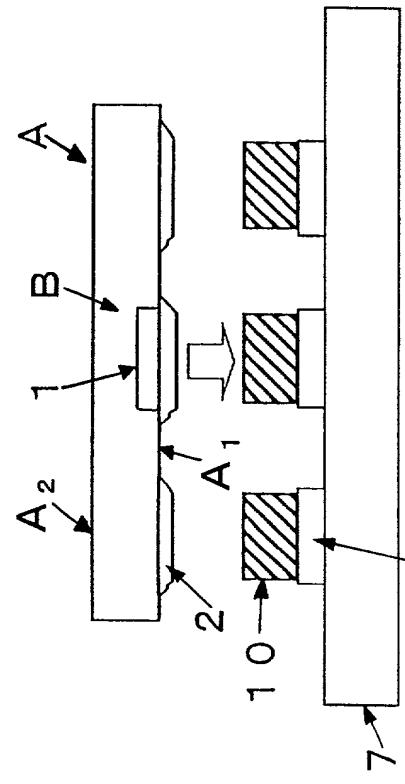


FIG. 10C

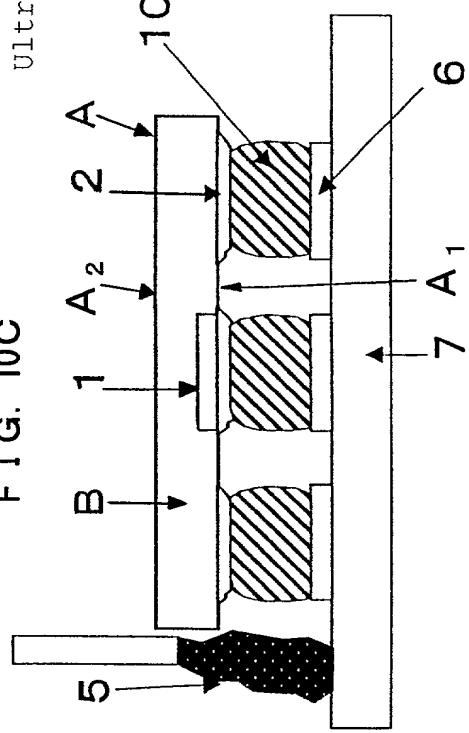


FIG. 10D

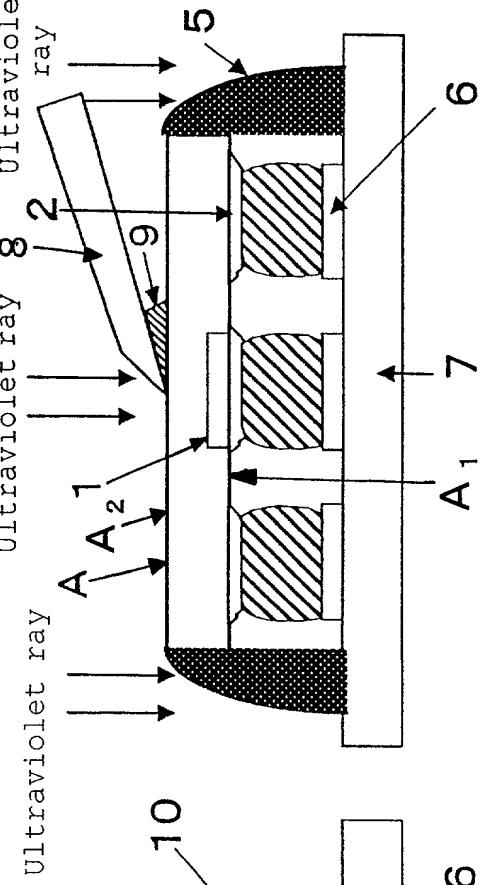


FIG. 11

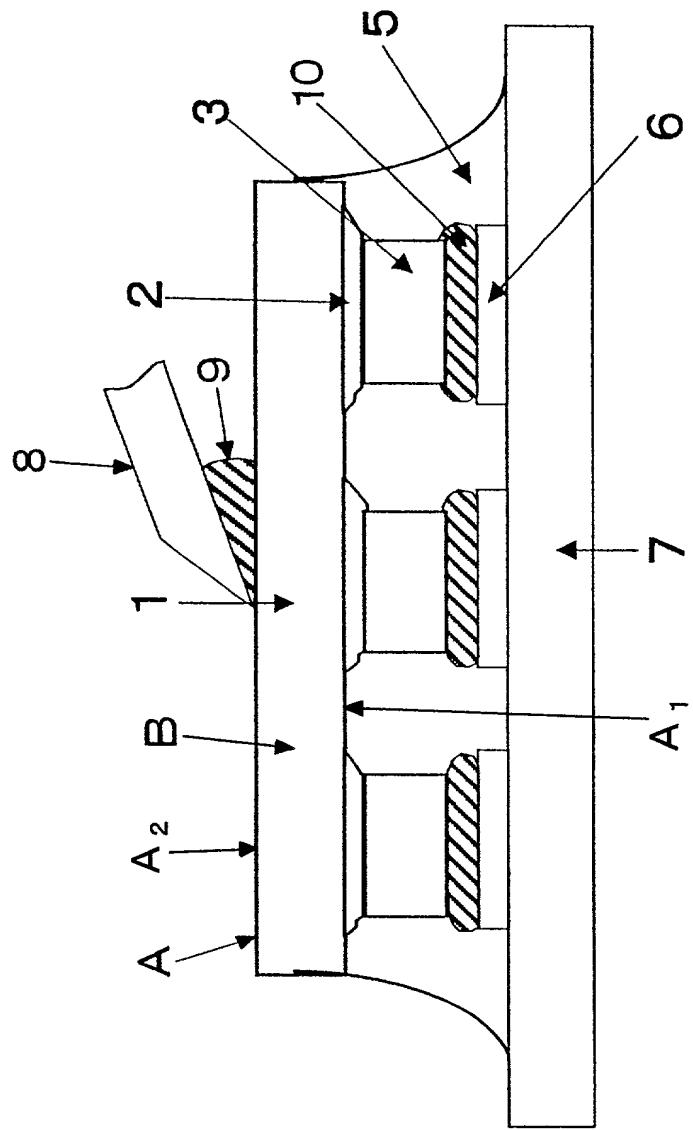


FIG. 12

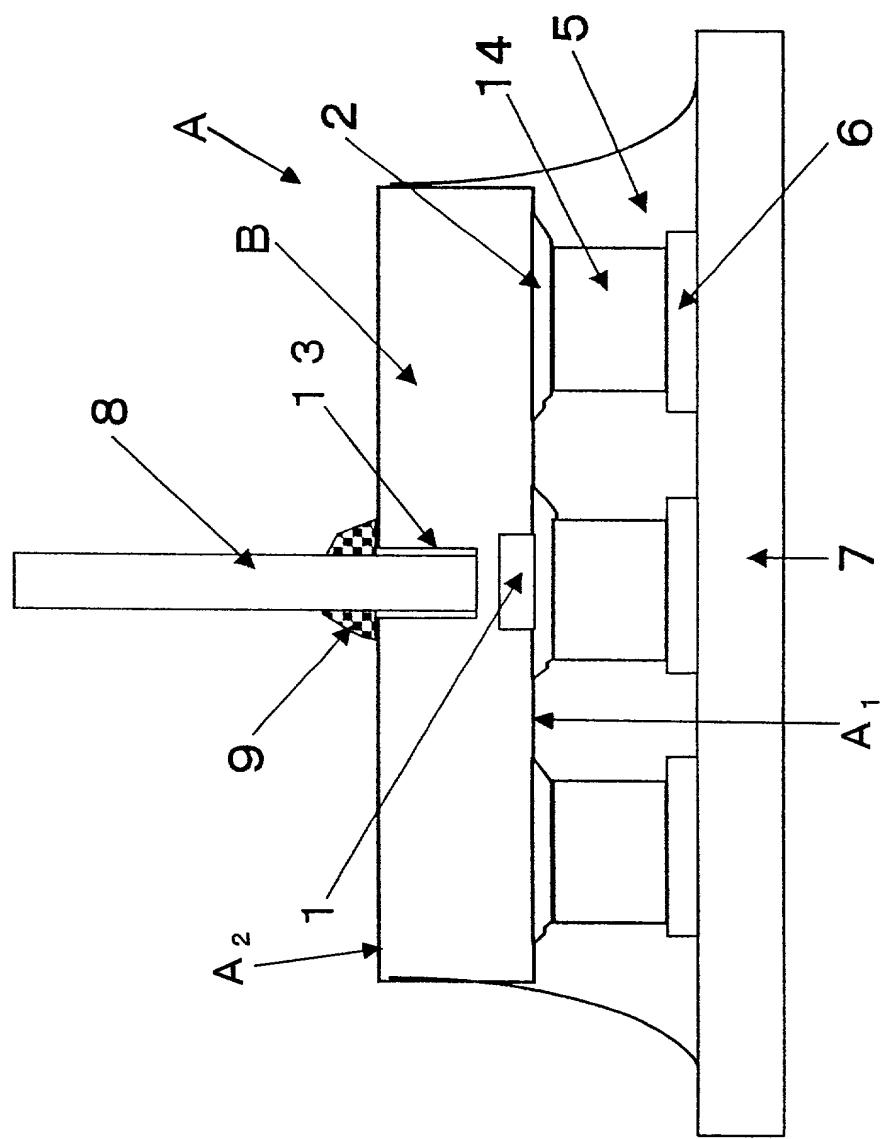


FIG. 13

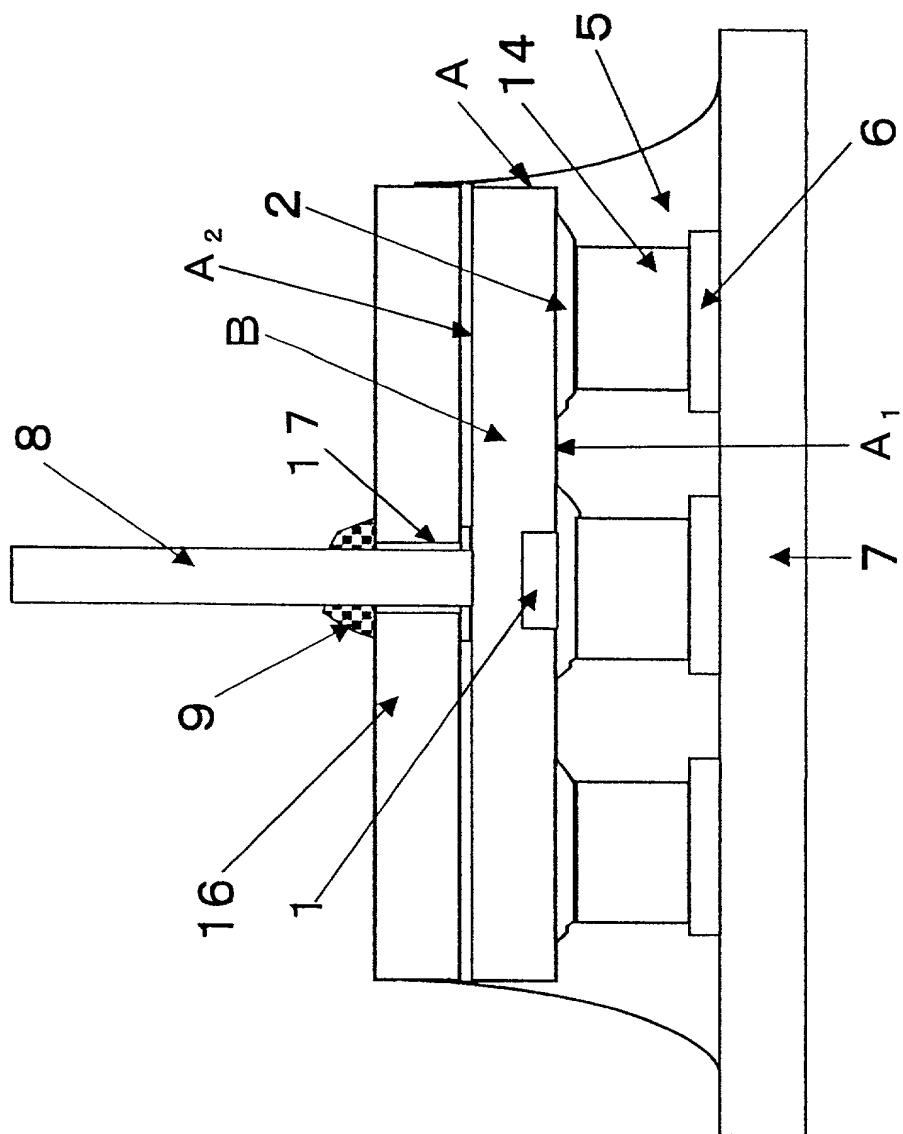


FIG. 14

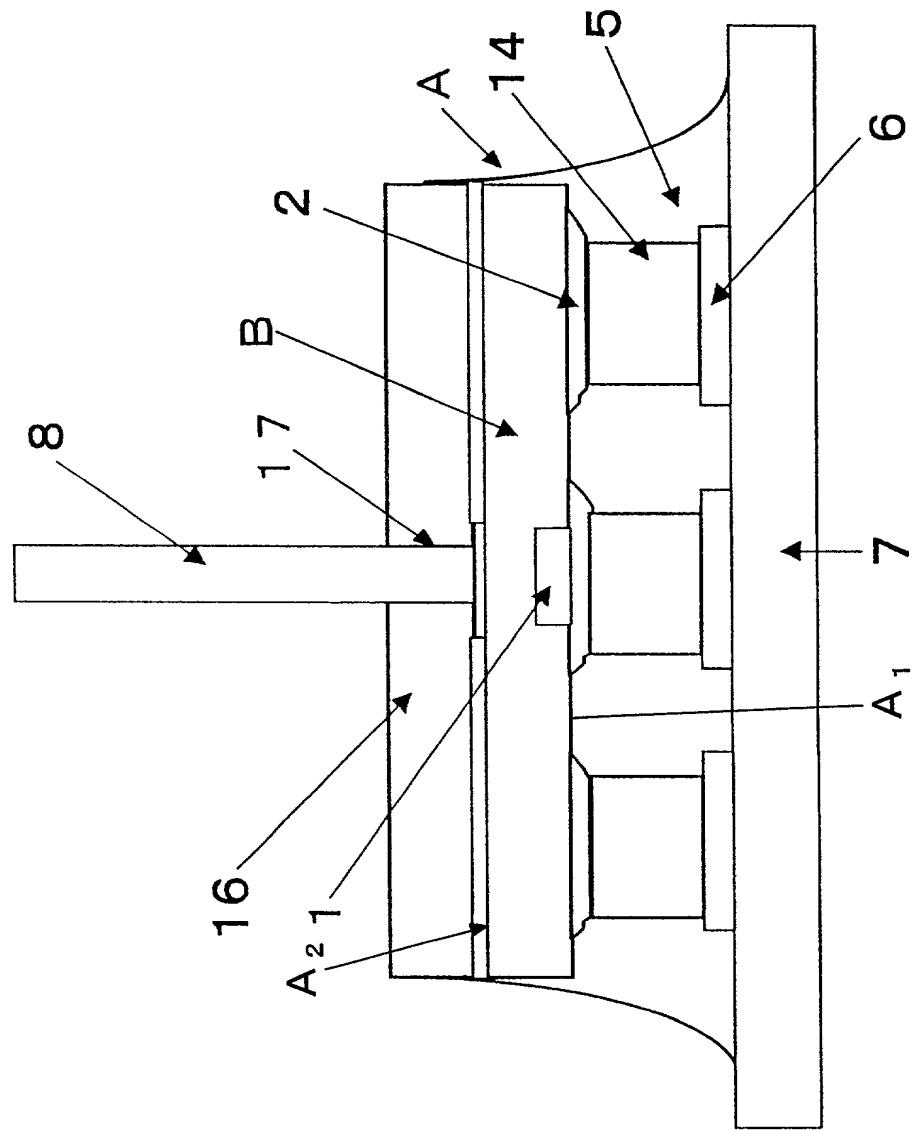


FIG. 15

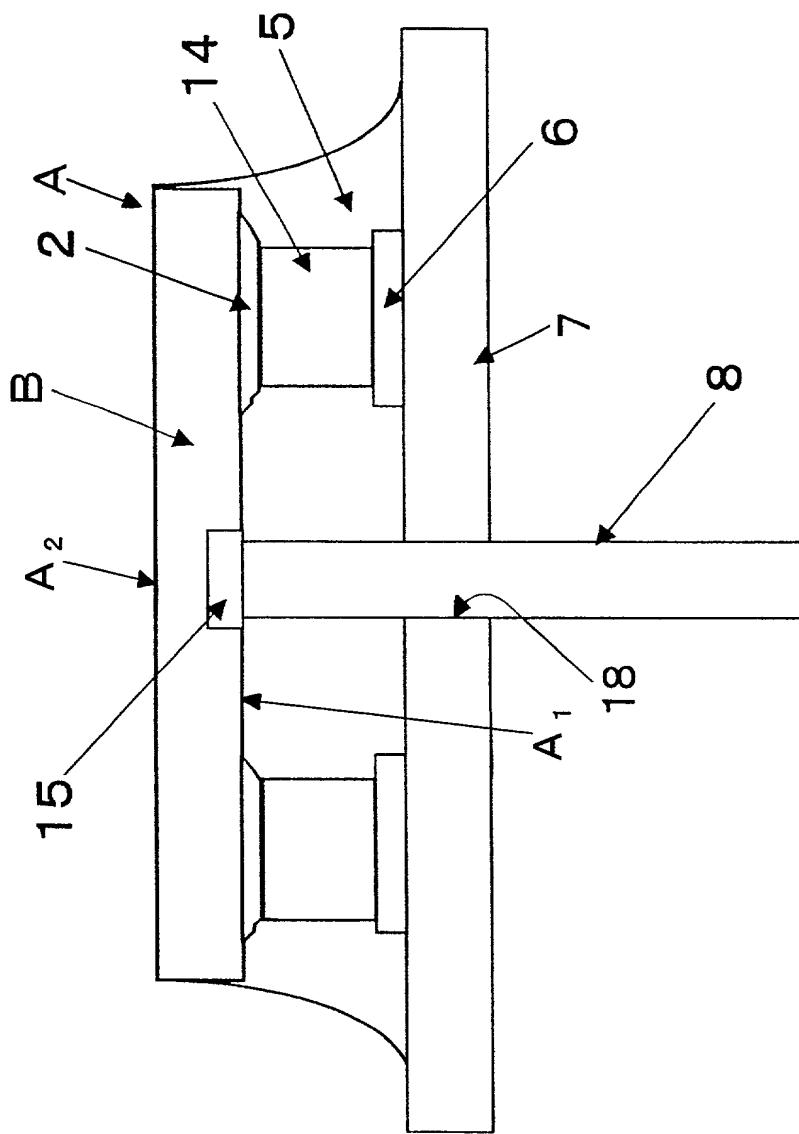


FIG. 16

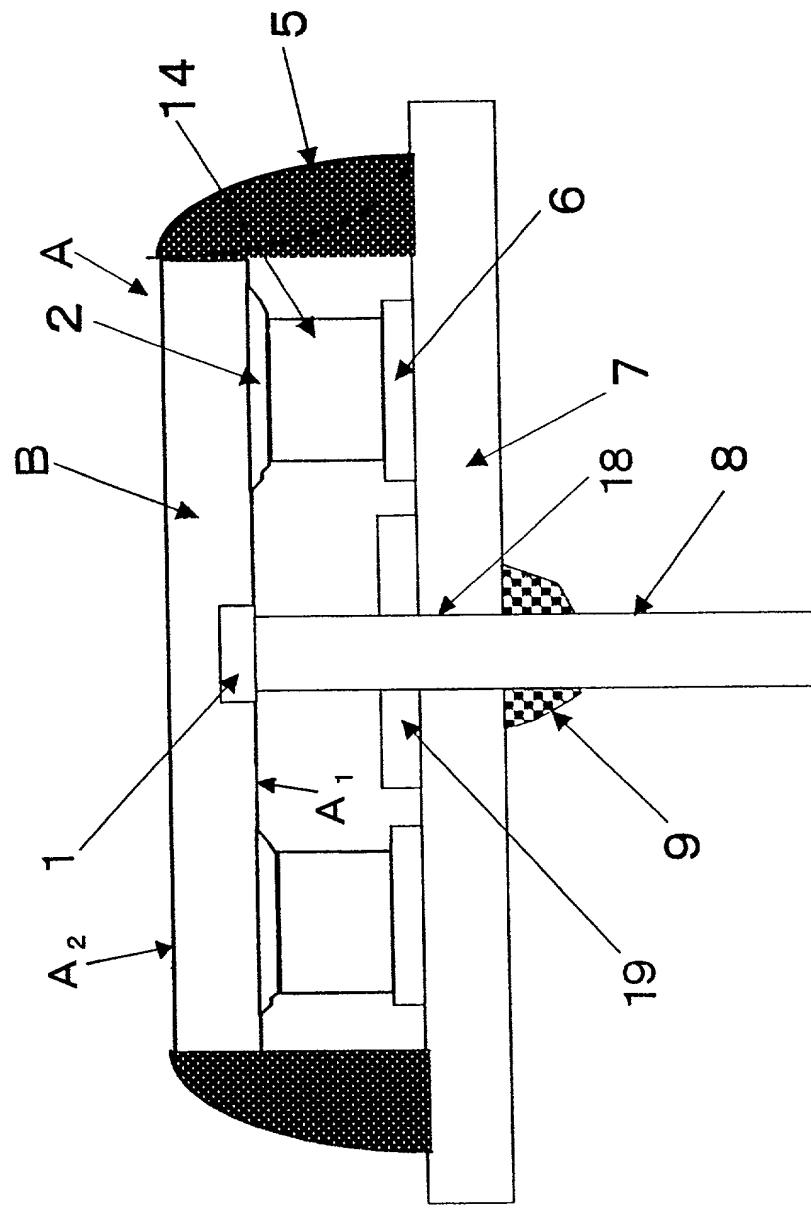


FIG. 17A

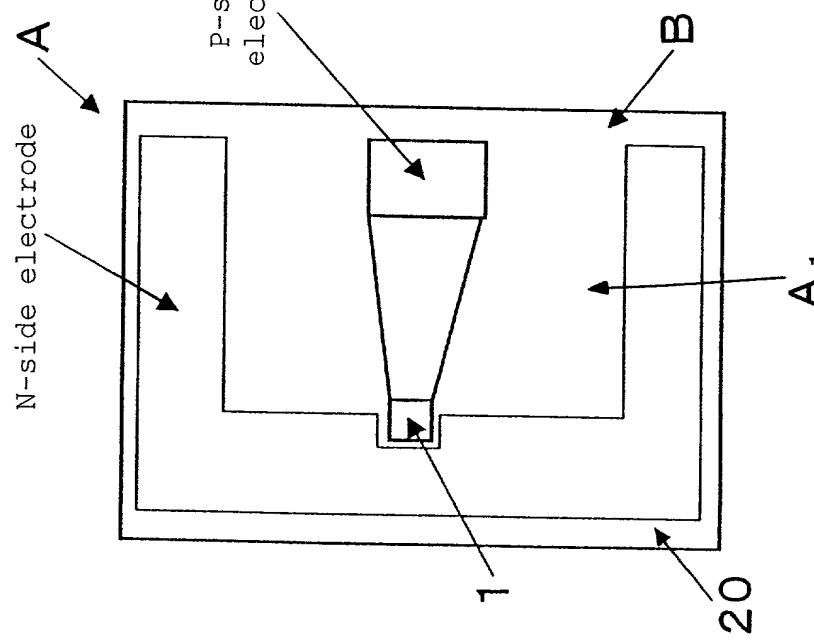


FIG. 17B

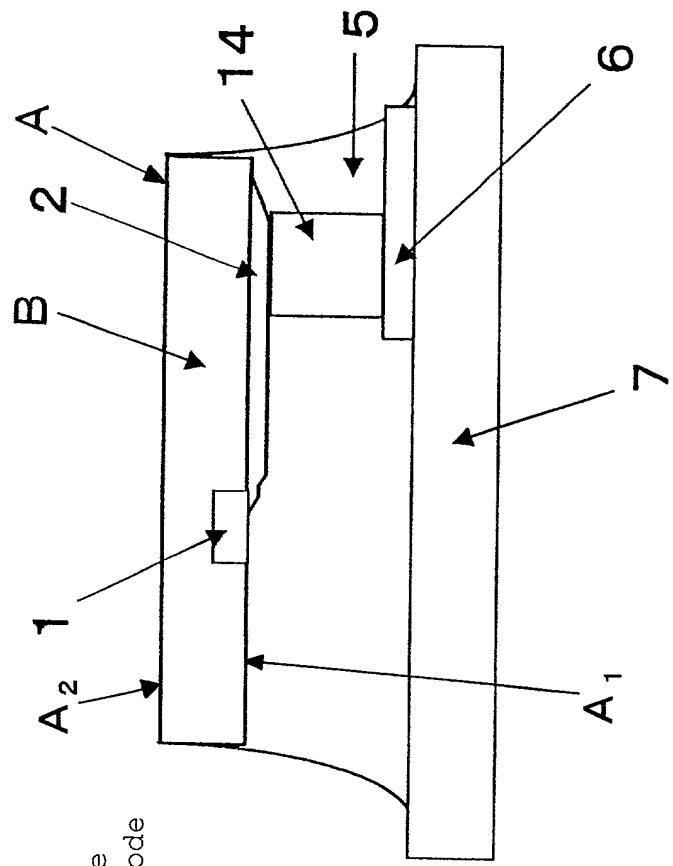


FIG. 18

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